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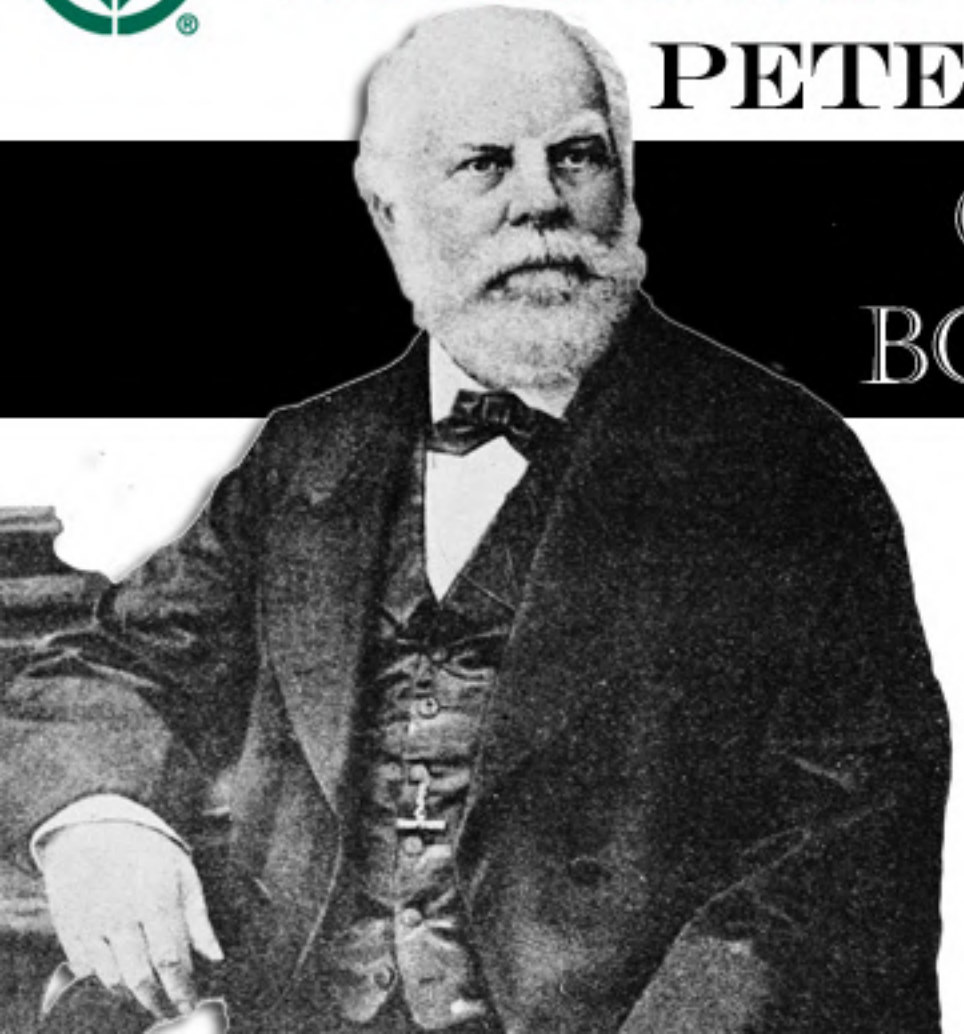

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Rockystigma

and appendix Gymnandra

differs from Carruthersia not only by the thick cylindric stigmata, but also by the very loose inflorescence, in which the pedicells, are usually supported by bracts. — The capsules open by circumscissile and not by a regular proper joint. † The three species belonging here are natives of South-Africa and seem to grow all on evergreen shrubs. † (The Corolla remains persistent at the base of the capsule and one species is a leaf. † The testa forms a very short flat scale-like wing, in the

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C. Alfonso 2

~~1, 2~~ spikes erect, spatulate, ~~elongated~~, shorter than the tube, incurved; styles ~~exserted~~ as long as the very acute ovary, ~~2-lobed~~ ~~deeply~~ ovary, ~~capsule 2-celled~~ acute, ~~style bifid~~ enveloped ~~covered~~ by the corolla ~~lower part of corolla~~ ~~expanded~~ ~~acute~~ lobes ~~envelope~~ the corolla, upper ~~acute~~ half erect; seed ~~ridged~~ above described

with a good deal of hesitation I place here ~~and~~ the following ~~for~~ ~~a number~~ from as far E.? ~~sequoiigera~~: flowers 2-2½ long, ~~calyx~~ ~~Calyx~~ ~~or~~ ~~in~~ ~~the same~~ or pedicels short, the ~~the~~ flower or even the calyx is rather crowded ~~pedicels erect~~ ~~enabled a little~~ particular ~~embellish~~ for ~~pedicels~~ clusters; calyx see above.

Salina Salt on the Rio Virgen, Utah,
~~In Axe~~ on Rueda, T. Nevey! ~ Ht. Mts. Valley

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subsedulosa 2

usually longer than

~~anthers~~ [illegible] oblong, or ovate, filaments ~~usually~~
~~short~~; scales rarely reaching above the
middle of the tube, (oblong lanceolate), deeply
fringed; style slender, ~~usually~~ much longer than
2. pubescent
ovary, rarely exserted. ~~at~~ first
capsule ovoid (usually ~~is~~ ~~pubescent~~) ~~top~~ covered by the corolla
seed usually single .06–0.9 l. — Test
~~testa~~ thick coat; ~~often~~ ~~obliquely~~ protruded
base with a very small oblong hilum.

On the Tejon pass in the ~~Mountains~~ of
South part of California, on Salix and Artemisia
Hermann! in the San Fejon on Cañada
de Coste! Sierra Nevada, above Placerville, J. Remy! Mare
in the bay of San Francisco on Gravelly
Arthrocnemon, Ch. Wright! — It is ~~singular~~ ~~that~~
remarkable but not unusual in this
genus ~~to observe~~ that the ~~flowers~~ ~~from~~
specimens from the Mountains are absolutely
identical with those from the marshes of the
coast; ~~in the latter the~~ the only differ-
ence of the latter is that the flowers is a little
longer and the anthers shorter

Var. β. brevifolia, lobes of calyx
more membranous, less deep, ovate, short
imbricate rather long the ~~the~~ fruiting stage
tube of the corolla, lanceolate as long as tube
style as long as ovate ovary, shorter than
the ovate capsule which is entirely enveloped
by the corolla. — ~~The~~ Mare in the Arthrocnemon. Ch. Wright.
Though at first glance
appearing very different, can not be
separated from the E. subsedulosa.

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Cuscuta subinclusa Desmd & Hc Gard.

in Journ Acad. Philad III. p. 42, 1854 & et
& Pacif. R.R. Rep. V. 3. p. 11., 1856. —

This pretty large flowered & pretty
species was found by Dr Heermann on
the Yegua Pass, with mtns Copia Santa Catalina by Dr Leconte in the same
region, & cotton shrubs by Mr Chas Wright in salina
bottoms of the Bay of San Francisco
on Grand Island & Arthurs Pinnacle, — It is
distinguished by its more or less deeply
5-cleft calyx resembling C. odonto lepis, but has
decidedly larger capsules, more ovate
& crowned with a stylopodium, which is wholly
distinct in fruit & deeply 5-cleft calyx
divided and imbricate, scarcely as long as the
cylindric & campanulate tube of the corolla;
lobes as long as short the tube,
subulate & acute, more or less deeply 5-cleft.
Stamens short, the filaments as long or
longer the anthers; scales short
the tube of the corolla, scarcely reaching above the
middle of the corolla, deeply fringed, the
lobes sides, styles slender, scarcely exserted short.
The chief character difference in the species of
such very different localities consists in
the degree of division of
the calyx lobes. — one of the species from
Panama has also a shallower tube
and shorter styles.

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Var. E. Crociflora; flowers 1 — 1½ l. long, usually 4-, parts 3 or 4 and 5-parted — the same specimen only partially glandulous or without any glands; ~~very small~~ ovules 6 or more commonly 4, small ~~oblong~~ consisting of two distinct ~~parts~~ ~~with a few teeth~~ teeth or lobes ~~membrane~~ ~~natural~~ or almost wanting so that 2 or 3 to four ~~pair~~ ~~of~~ flowers appear to be ~~one flower~~ C. Crociflora Vis. Fl. dalm. II. 231. C. Chrysocoma, Welw. in Sched. Des M.! Fl. 71. C. Tini, Insenga! = Tin. N. rar. Sic. p. 14.) C. aurantiaca Req.! in Sched. Bastia! H. it. VII. 623 C. Chrysocoma.

C. Rogowitschiana Trautv. Mel. biol. II. 16/28 Mart. 1855. — Southeastern part of Russia Kiseo, Trautv. on the lower Wolga and Samplé et Liemaschko! 227, Becker! Constantinople, Bornmer! Greece Heldreich! Alexandr! Naples, (Capua etc. Gussone!) Brun! (in Sardinia about Iserapfields) Sicily, Insenga! Corsica, Requien! Nice (sur Toulon) Guillon Montserrand, Ramond! Portugal Welwitsch! H. of roses (in Basilicum in gardens) I seem to have asterales propagating with the seeds of the plant. (Basilico con ~~Cantharis~~ vermicelli napoles) Alvarado! widespread.

Var. L. Cesatiana; flowers 1½ lines long, Spartan, ~~violet~~ pale ~~of colour~~, corolla ~~long~~ much longer than the tube narrow, ~~gradually~~ gradually ~~long~~ exceeds the tube ~~usually~~ deeply ~~flesh~~ coloured late, usually more or less bifid. — C. Polygonum Cesati! — Exsiccata XXIV. 199 Prof. Engler, Cat Sem. Gen. 1849. p. 22, C. Cesatiana Bertol.! H. it. VII. 623. — Piedmont Cesati! Haschim Jacquemont! 876. — It is the strange fact exactly that the Saxon form should be found in so widely distant localities, but it adds another proof to the specific identity of the numerous varieties from so many parts of the globe. Prof Cesati l. c. gives the first correct account

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intrastylar

If the apparent dehiscence of the capsule
is the following words: "capsula ... ob dissepimenti
expansionem ad ... hians, ... hinc capsulam apice
dehiscentem mentiens".

Var. γ. Cordofana; calyx large, longer
than the tube, lobes united above the middle
and somewhat carinate; scales as in Var.
brevipes, stamens and styles shorter than in
any other form of the species. — Kotschy,
Cordofan, Figari! — In Herb. Florent.

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Var f. scabrinda ; Corpus d. capsulæ involuti
by the tough rims of the rolls, ~~it appears~~ upper pair
reduced; style short Branches. — Common on the overflow
isles of the Parana" Buyk, Tweedie

Var δ. integrascula ; style short the deep
capsular tube of the rolls, barely exct.
scales triangular, scales triangular, thin, crenulate
style capillary, short the ovary. — Meadow, on
~~Schedule. org~~ Ephedra, Gillies

2. C. inflexa ~~Engl~~ — ~~Gray Man ed. 2 ti~~
C. Coryli Eng. — Ill. Journ. 43, 337; C. umbrosa wd Boyr. of Herb
Boyr. in Herb. Bewl. — post. Engl. — Gray Man ed 1. 357
ed 2. 336. C. parviflora Natt in Herb. C. congesta Boyr. — Herb.
C. corpita var simulata Chowdy — S.C. Prod IX. 459
Wyoming, Hayden, Gray & Sullivan, to Georgia Boyr
& vertical — Illi — & Ills — Engl. in Arch,
Usually in Engelmann's prairies
on shrubs (Corylus, Cornus, Symphoricarpos
Abies Toxicodendron Salix — & on Carex
Cattails on Sedges, Helianthus — with C. corpita
Council grove, Kansas, Leaflet 658; with C. umbrosa
west of Kansas Region on the upper Missouri
& Yellowstone, Hayden; — ~~Grey in Herb~~ to
~~from the last Herbarium~~ with which ~~I have~~
~~stem — of the rolls~~
C. inflexa

Flowers of ~~staminate~~ at the base, distinct
from it by the deeper ~~pubescent~~ mostly glabrous rolls with erect
inflexed lobes, which at last cover the top of
the capsule & by the minute scales reduced to lateral teeth
~~style of different length~~ shorter than or by the very
style & branches on capsule; seed oblong ovate thick
with small obly tuberculate or obscurely ~~papillose~~ papillose,

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Var β. vera, C. oblongifolia, H. B. K.! n. gen. sp. III. 122. C. inodora Willd.! Herb. N. 3164; — flowers only from the living capsule oblong of calyx very unequal as in many forms of the species, ~~lacerisepala~~, scales very small and thin, but slightly fimbriate or ruth erenate; styles as long as ovary, with thick especially 1½-1½ li. diam. in fruit stout or subulate. capsule ovoid with glands (dark red in the dried state) glands. — Peruvian Andes, Humboldt! — Guayaquil Jameson! 542; New Granada Hostion! 574; with slender styles Linden! 168; Antioquia on the Magdalena River, Jarvis! 1500. The last mentioned species with glandular corolla and a little larger more deeply fimbriate scales forms a transition to the next —.

Var β. glandulosa, calyx, corolla and capsule dotted with red and shiny glands; calyx smaller than tube in some and fully as large in other specimens; scales of exceeding the calyx large, incurved deeply fringed; capsule ovoid 1½ l. long, deeper 1½-1¾ lines diam. — Georgia Boykin; Louisiana Sartorius or Polygonum and all the specimens: Georgia, Boykin! Florida, Angel! 400; Louisiana Sartorius! Western Texas, Wright! Bridgeton! Schott! Bahamas, in Hb. Hooker! Cuba, Poeppig! and the name of C. Americana "(Martinique, Mad Richard, 114 in Hb. Mus. Paris. — with a more membranous and ciliate calyx)

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(rarely 1½ l. long)

Var ? *C. latiloba* ? Hillebrand Leaves, of a firm texture, calyx and capsule glabrous, very unequal lobes of calyx & lobes of corolla ~~broadly~~ ovate, almost orbicular, ~~long~~ ½ as long deeply ~~fringed~~, styles robust short. — Maritaba ~~East Indies~~ Wallich! Cat. 1320.3 under the name of *C. sulcata*. — ~~I have seen~~ Seems to differ from *C. obtusiflora* by the more fleshy and erect ~~lobes of the~~ corolla especially by the more panduliate than globose inflorescence; this is ~~rather~~ powerfully ~~by~~ to *C. Chinensis* with which Wallich & Choisy unite it.

Var β. *australis*; *C. australis* A. Rich. (portion of enumeration) flowers rarely more than ½ l. long, ~~mostly~~ commonly all parts more or less with glands. styles short, ~~but~~ with more slender ~~the~~ in the ovate-form; sides bifid or often reduced to a few lateral teeth on the side of the ovate part of the flaps. — *C. australis* A. Rich! Prod. F. 491; *C. Millettii* Hook & Arn! Bot. Beechey. 201. is the same plant, rather less glandular and with shorter styles. — New Holland, Port Jackson, R. Brown! F. Bauer! Cuming! Port Jackson, Allen! F. Müller. Canton, Chinese, Millett! the ~~latter~~ Mr Müller's specimens just alluded to, have glands, and also of rules, which however only here & there appear as a single or double tooth; it can not be distinguished from:

Var

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Cuscuta appendiculata n. sp.

Caulibus rapillaceis; floribus laxe paniculatis; pedicellis flore triplo brevioribus; calycis breviter lobis ovatis acutis basi appendiculatis; glandulis 5, tubum corollae dimidium aequantibus; corolla subcylindrica, lanceis ovato-lanceolatis acutis dein reflexis apicem versus connatis; squamis subaequantibus. Fructu globoso, circumscisso, capsula ovato-conica stylum ovarii aequante, seminibus ovoideis.

Cape of Good Hope on Cuscuta sp. Ecklon & Zeyher no. 1816, "Teufelsberg" in Hb. Fischer! now Hb. H. D. Petrop. — Cuscuta with the form of the C. obtusiflora above mentioned is the only specimen of the section Grammica that I have found in Africa. It seems to be a rare plant occurring in very few localities. The flowers are like those of the other South African species. The plant is 1–1½ feet long, and appears very similar to C. partita but with much shorter calyx (only one-fourth as long) and rather broader lanceolate lobes of the corolla, apiculate ovary, exserted capsule etc. with shorter and rounder stigmas. All the allied species have single seeds filling the capsule & 6 lobed.

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The stock at present waits at the base of the calyx gives it a peculiar appearance; [illegible] are constant, seem to be very

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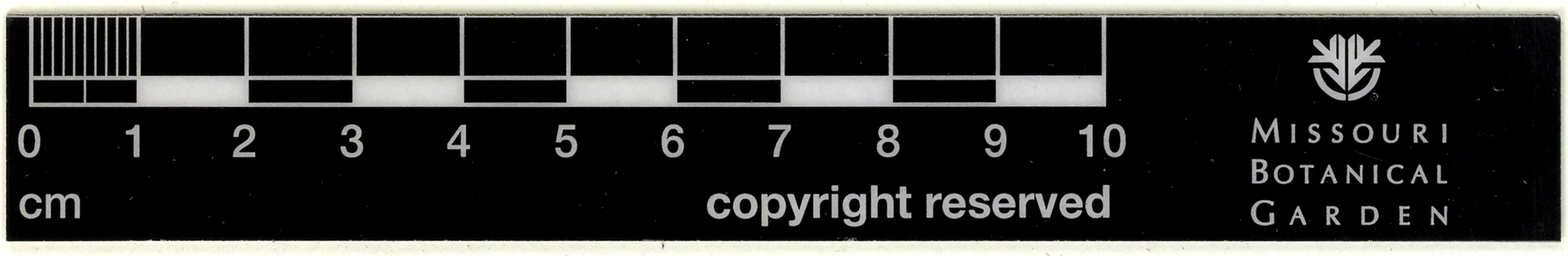
57 Cusc. appendiculata, n. sp.

Caulibus capillaceis, glabris fusco-lateritiis, laxe floriferis. calycis breviter basi globulosi appendiculati lobis acutis tubo profunde campanulato dimidio vix aequantibus; lacinias ovato-lanceolatis. dum reflexis apice acute incurvis tubo aequilongis; antheris ovato-oblongis connato fibrillatis; pubiculum facem cingit; stylis glabris ovario adnato subaequilongis. capsula exserta sup medio nuda globosa depressa, fere ut in stylo cuspidata. Sem. ovato-oblonga. obscure papillosa.

Cape of Good Hope; Swellendam Drège in herb. Hook. et Thunb. "Thunb. H. Whole Schut" Kew, 1816. (Templeberg ÷ Mc Fisher! (now Mc. H.D. Rtws.)

The only South African Cuscuta belonging to this section distinguished by the small (scarcely 1/4 li long) appendiculate calyx, 5 fl. flowers 1–1 1/4 C. long. seed. o.6. C. long.



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C. corymbosa

P. C. Stylosa Choisy. Ann. Sc. 187. T. 5. f. 2
DC Prod IX. 459

S. forma longistyli. plants rarely more than 2 dcim long, slender, with very short calyx, narrowly cylindric corolla, short, narrow scales, as long or shorter than authers; style as long as the throat of the corolla (~~Antheræ~~ ~~Antheræ~~ or longer, exsert even at the flowers' period or after; ovary conic or ~~obovoid~~ rather inversely pear shaped.

The shape of the ovary seems to distinguish this form from the last, the length of the style is variable even in the original specimens ~~quoted~~ by Choisy. —

Mexico. Andrieux. 73 & 214. Jenkins 822.
Mt. Jorgo! (Mt. Orizaba) Ghiesbrecht 186!
Tolucca Karwinski! Galeotti 1142
Jalapa Linden! 708! Pavon

In Herb. Kew I find a form sent by Botteri from the Orizaba, Mexico, (No. 949) which is stylose with longer flowers, (3 l. long) and a cuticle roughened with minute papillae.

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C. corymbosa

γ. C. corymbosa Reinj. & Cam. I. 69
t. 105 - 6.

non Schär. Cat. - & DC Prod.

1. form microlepis. flowers ~~[illegible]~~
1 3/4 - 2 l. long; ~~[illegible]~~ often ~~[illegible]~~ 4 parted. -
the spurs of the calyx (in Mt. Roraima) and Cacon (Mt. Duida)
which seem parts of one and the same species,
~~scales reduced~~ to small patches as long
as ovate - rounded anther; scales reduced
to very thin and small ovate membranous
cut 4 - 7 or 8 teeth (regular) below
the middle of the tube; sometimes entirely wanting
easily torn, with styles scarcely reaching
to the throat. — The flowers likewise
already from the cymose capsule and
the cylindric corolle, ~~[illegible]~~ &c.

It is well known that Chodat
and every author after him (himself included)
considered the species which appeared
— Europe 20 years ago (on Mt. Rosa)
as ~~this~~ (corymbosa of the Lower Flora,
which ~~also~~ (= Pers. also) occurs on shrubs and on
Medrago". — ~~Now~~ ~~[illegible]~~ Now that this was
a mistake it would be for the species
and also for the figures. Whether the
scales are constantly entire or only
difficult to discern, I can not say — in
the 8 or 10 flowers carefully examined
I could not always discern them, specially
when the dried — were soaked. —
With the exception of the small flowers —
(abstract scales) I found no differences —

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the other forms mentioned above. I am
not aware that any other botanist has
collected it since Aug & Nov Times.

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Lagrammia

§ 2. Obtusilobae

Styles slender, usually capillary;
flowers large or small, usually thin,
membranous; scales absent in the species
lobes of calyx obsolete — all but the
last species; corolla short in the first
long cylindric — with short obtuse —
the last species; style short — the first
very long — the last species. Capsule
long, irregular ~~often~~ rarely
~~the last species~~ ~~doubtful~~ (corolla or appendages)

§ 3. Leptolobi

Styles slender, usually capillary,
pl. conspicuously tall, membranous;
sc. abs — last sp. lob ot cil & Carol
~~acutish~~ ~~stylid~~ (commonly) narrow, elongated, usually acute
or acuminate, as long or longer than the tube
corolla, usually hollow tube.
(irregular or rather regular)
Appendages by ~~stamens~~ corolla
included or covered by the corolla

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and Diffused

Epistigma

Astylae

This peculiar group, ~~which perhaps would~~ deserve to be raised into a separate section from is the connecting link between Leucopogon and Calliacanthe, ~~in which the flowers are distinctly pedicelled~~* they have elongated stout or tubulate stigmata almost sessile or with a very short style, the ~~forman intrastylum~~ tower formed by the conic elevation of each half of the ovary. The forman intrastylum of the capsule is distinct, ~~and of the~~ the number of the transverse (opposite to the dorsal of the dissepiments).

The Capsule separates from the base transversely with a circle (C. pedicellata) or a very small (C. arabica, C. parkinsonii) opening, leaving as an Emarginate basal ring to the base. The separation takes place only at complete maturity of the capsule and forms a ragged line and not a real joint as in Leucopogon. The ~~dorsal~~ withered corolla with thickened edges closely coats the capsule.

The species belonging here are all asiatic, only C. Arabica extends into Egypt, where it seems to be the most common species.

* The distinctly pedicelled flowers are disposed in more or less loose umbelliform clusters, the flowers crowded

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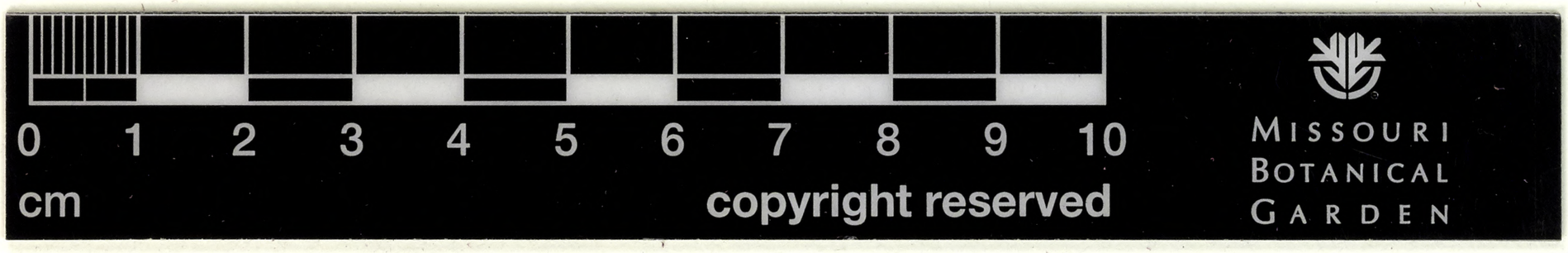
C. parviflora

var. ? nuda ; C. viticola ? Schlecht. Linnaea 22
p. 808 ? Lobes of glandular calyx ~~obtuse~~ or
acute only as long as the tube of the corolla;
corolla tube ~~obtuse~~ reflexed at the apex,
reflexed; styles as long as ovary; ~~at last~~
~~divaricate~~ divaricate; capsule ~~loose~~
~~that~~ depressed, glandular
lower part covered by the corolla upper half free.
Brazil, van Riet Lellow! 4.99. B. & South
Brazil: th. Sam.! in Hb. Ry. Acad. Riedel 990 in
Hb. Ac. Sc. Petrop. —



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(Genera)

Var. β. [illegible] ; C. Sauveni, Lloyd

l. c. p. 329 t. 6. f. 17–21 = Calyx neck membranous; [illegible] as long as [illegible] tube of corolla, scales narrower at the base, upper ones ± oblong, longer than tube; Massachusetts to North Carolina, Illinois and Missouri.

Var. γ. calyptrata. C. Bonariensis Hort bot Paris Carsruh. al. C. Chilensis H. B. Kth. al. not Kun. — Similar to the form flowers on deeper coppelet with larger — very loose pearly glands on top of capsule. — Western Louisiana, Texas, Lindheimer — Collins — Lund Col. Gardner — Germany (seed)

Var δ. ? cuspidata. C. umbrosa Hook l. c. as to the western specimens, — Shape of flower and glands, flowers smaller, 1/4 lines long, corolla tube; calyx and short broad ovate lanceolate, half as long as deeply cupular tube; anthers ovate-triangular; scales very short, appressed to the tube, bifid or truncate, styles 1/3 or 1/4 the length of the corolla, capsule ovate, with a very large (nearly 1 line long) compressed beak, ovules few, large (nearly 1 line long) compressed ovate with a very small elliptic hilum. — Northwestern America, Douglas! Hb. Hooker, Fremont! (1845) 79 — Hb. Torrey. Further investigation may prove this to be a distinct species."

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Var. ε? cristata: pedicels shortened. stout
calyx as long as tube of corolla, or longer; lobes ~~short~~
subulate, hardly one fifth as long, with very conspicuous glandular
~~warty~~ keels; ~~spreading~~ lobes of corolla as long as
tube, ~~rather~~ large spatulate, round, very large,
with short style; glandular capsule depressed
~~bowl shape~~ covered by the corolla, upper part
naked. — (La Plata, ~~Isla~~ Isla de Tucuman
Tweedie 1191 in Hk. Hooker. — This if really
belong here would be the only south American
~~form of that species~~ C. Gronovii; it is
possible however that it ought to be
referred to ~~one of the~~ C. saremora, var Nuda

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over

Sect 5. Eudeuogrammia

Styles of unequal length, subulate or cylindric
~~Capsule~~ stigmata capitate. Capsule ~~ovate~~
~~loculicidally~~ opening ~~by a regular pore only in C. Jalapeana~~
~~commonly opening by pores~~ with a more or
or less irregular ~~not thickened~~ line, ~~without~~
~~with~~ thickened edges; in C. Jalapeana only
~~one~~ ~~commonly~~ with many seeds ~~of~~ one or a few
in each capsule, rounded or flattened, truncate
at base or hooked, ~~with a~~ hilum
forming a transverse, or oblique, rarely ~~linear~~
longitudinal line, or reduced to a point.

Inflorescence very variable, loose or ~~and~~ ~~or~~
consisting of very few flowers only, or compound
~~racemes~~, ~~racemose cymes~~ or umbelliform with pedicelled
flowers, or compact clusters with sub-
sessile flowers; ~~usually~~ with bracts at the
base of each pedicel or flowers, or at least
of the former.

The species of this section inhabit
principally ~~North America~~ Mexico, ~~extending~~
~~into the U. States~~, only two (C. applanata
& C. umbellata) extending into the South
parts of the U. States, & two other species
(C. Chinensis & C. Negalensis) inhabit Asia
& tropical New Holland, extending into eastern
Africa.

The Corolla remains at base or on top
of the capsule or completely envelopes it.

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over

~~Eucalyptus~~ Eucalyptus

S. 1. Subulatae.

Styles subulate from a broad base ~~short~~ thick & short; flowers mostly large; scales of a firm texture. about in the first species ~~of the~~, in the 4 first species the lobes of the calyx are orbicular, strongly imbricate as the lobes of the corolla (obtuse, broadly oval and) in the two last species the lobes [illegible] corolla are acute; in all but the first the corolla envelopes the whole or the greater part of the ripe capsule. The capsule generally opens by irregular valves, but in C. Falcata it is open by a regular split with thickened edges.

MISSOURI BOTANICAL GARDEN
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C. Acuminata

C. Campanulata Nutt — Surinam — rd. mdl. — 1.5

C. grandiflora Hook — Cuba — rd thin st. ind. 1.3

C. " Salzmann Arbor in sepibus rd thin mdl. st. ex. 1.5

C " 351 Arbor in sabulosis " " " 1.5

C Blanchet 85. N les buissons rd mdl. st. Corg ex. 1.3

C Hostmann 464 Surinam " " ind. 1.3

C. ciliaris Gregg. Mayaguela Surinam rd mdle ind 1.4

C. elongata Bonpl. Acapulco rd mdle ex. 1.-

C. globulosa " " fibm. ex. 1.8

C. Ehrenberg Haïti mdle ex 1.3

C Poiteau " thin. ex 1.7

C. " " on Argun. fibm. 1.5

C Sieber 91. Martinique thin ex 1.4

C. Gardner 1775 Brazil thin in 1.3

C Wendel 2208 Goyaz fibm 1.4

C Blanchet 736. Brazil thin in 1.7

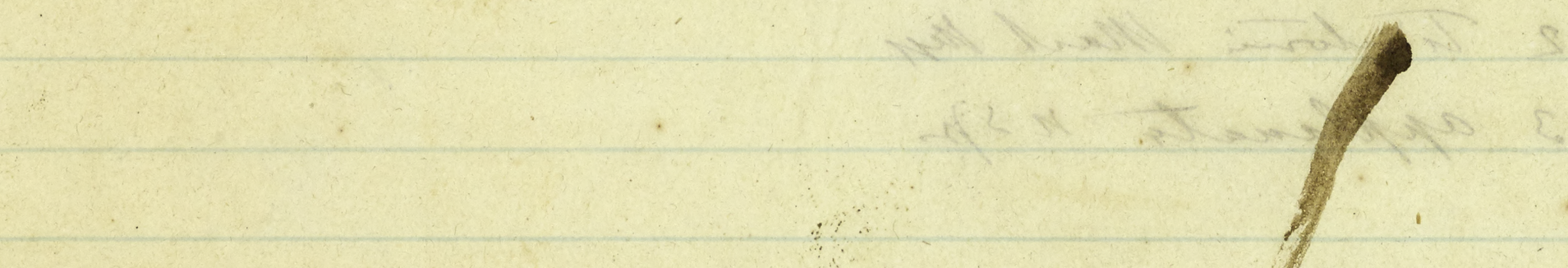
C. Linden Yucatan Lindley fibm. in 1.2

C. Linden 1994 Cuba fibm in 1.7

C Mühlschlegel Antigua thin ex 17

C Krapf Venezuela fibm. 1.2

Fendler 2069 " fibm 1.3



52.97

Encoelia
topistyla
1. Babylonica Auch.
2. Epithymum Lin
3 Abyssinica Richard
4 planiflora Tenore
5 Palaestina Boiss
brevistyla
6 Europaea Lin
7 Kurdica Cogn.
8 Persica decne Cogn
9 Cilicium Weibe

Epistigma
10. Kotschyana Boissier
11 Balchalla n sp.
12 pulchella Lindl.
13 Arabica Decne

Cleistocoica
14 capitata Roxb? Engl

Pachystigma
15 angulata n. sp.
16 nitida E. Mey Clavi.
17 Africana Thunb? Clavi.

Cynoglossum
18 grandiflorum HBK
19 odoratum R & P. & var Ostryoides
20 Jalapense Schl.
21 ~~Ostryoides n sp~~ Sellowii Ker
22 Tenuifolium Mart Hayn
23 applanatum n sp.

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